


IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): Payment transaction method between a customer with a portable mobile device (1) and a service point (5), ~~in which payment transaction method a payment terminal (2) of the service point (5) determines comprising:~~

determining a total transaction amount to be paid and a transaction identification assigned to ~~this~~ the total transaction amount at a payment terminal of the service point, and ~~informs;~~

informing the customer about the total transaction amount and the transaction identification; and

 ~~in which payment transaction method the customer enters~~ entering the transaction identification into the mobile device (1), wherein,


the payment terminal (2), during determination of the transaction identification, adds a payment terminal identification to the transaction identification, ~~which the~~ the payment terminal identification ~~makes it possible to identify~~ identifying the respective payment terminal (2) from a plurality of payment terminals (2) existing at the service point (5),

the mobile device (1) transmits, via a first contactless device interface (11), the transaction identification, entered by the customer, to the payment terminal (2) identified by the payment terminal identification,

the payment terminal (2), after receipt of the transaction identification, transmits a payment request, which comprises ~~at least one~~ a service point identification, the payment terminal identification, and the total transaction amount, via ~~the~~ a second contactless device interface (21) to the mobile device (1), and

~~in the mobile device (1)~~ a payment record is prepared in the mobile device, ~~which contains the payment record including~~ a linking of the payment request to a customer identification of the customer, and is being transmitted from the mobile device (1) via the contactless device interface (11) to the payment terminal (2).

Claim 2 (currently amended): Payment transaction method according to claim 1, wherein,

 during the transmission of the transaction identification, entered by the customer, from the mobile device (1) to the payment terminal (2), a sender identification is co-transmitted, and ~~wherein~~

the payment terminal (2) transmits the payment request to the mobile device (1) established through the sender identification.

Claim 3 (currently amended): Payment transaction method according to claim 1, wherein the payment terminal (2) increases ~~the~~ a transmitting power of the second contactless device interface (21) at least once, and transmits the payment request with the increased transmitting power to the mobile device (1), if the payment terminal (2) has not received any payment record from the mobile device (1) within a predefined time period from the transmission of the payment request without power increase to the mobile device (1).

Claim 4 (currently amended): Payment transaction method according to claim 1, wherein in the mobile device (1) data ~~about the~~ regarding a type of payment ~~are~~ is added to the payment record before transmission of the payment record to the payment terminal (2).

Claim 5 (currently amended): Payment transaction method according to claim 1, wherein the customer is identified at ~~his~~ the mobile device with a biometric feature before entering of the transaction identification.

Claim 6 (currently amended): Payment transaction system comprising:
a plurality of portable mobile devices (1); and

a plurality of payment terminals (2) at a service point (5), ~~which wherein,~~
~~each of the~~ mobile devices (1) and ~~the~~ payment terminals (2) ~~each comprise~~ includes
at least one processor (16, 26) and one contactless device interface (11, 21),

~~via which contactless device interface (11) the mobile devices (1) can and the~~
~~payment terminals~~ communicate with ~~the payment terminals (2) one another via the~~
contactless device interfaces, which


each of the payment terminals (2) ~~each comprise~~ includes means (29) ~~of for~~
informing a customer about a total transaction amount to be paid of a payment transaction
and a transaction identification assigned to ~~this~~ the payment transaction,

~~which each of the~~ payment terminals (2) ~~each comprise~~ includes a transaction
identification module (22), ~~which transaction identification module (22) in each case~~
~~determines~~ configured to determine the transaction identification for a payment transaction,
and ~~in each case adds~~ to add a payment terminal identification for the respective payment
terminal (2) to the transaction identification,

~~which each of the~~ mobile devices (1) ~~each comprise~~ includes a transaction response
module (13), ~~which transaction response module (13) receives~~ configured to receive a
transaction identification entered by a customer by means of operating elements (18) of the
respective mobile device (1) and ~~transmits it to~~ transmit the transaction identification via ~~the~~
a first contactless device interface (11) to the payment terminal (2) determined through the
payment terminal identification contained in the transaction identification,

~~which each of the~~ payment terminals (2) ~~each comprise~~ includes a payment request
module (23), ~~which payment request module (23) configured to,~~ after receipt of a transaction
identification from a mobile device (1), ~~transmits~~ transmit a payment request, comprising at
~~least one~~ a service point identification of the service point (5), the payment terminal
identification of the respective payment terminal (2), and the total transaction amount of the

payment transaction, determined through the received transaction identification, via ~~the a~~
second contactless device interface (21) to the mobile device (1) from which the transaction
identification was received, and

 ~~which each of the mobile devices (1) each comprise includes~~ a payment record
module (14) ~~which payment record module (14) prepares~~ configured to prepare a payment
record comprising a payment request, received by the mobile device (1) from a payment
terminal (2), and a customer identification of the respective customer, and ~~transmits to~~
transmit the prepared payment record via the contactless device interface (11) to the payment
terminal (2) from which the payment request was received.

Claim 7 (currently amended): System according to claim 6, wherein,

~~the each of the mobile devices (1) each comprise includes~~ means ~~to co-transmit for~~
co-transmitting a sender identification when transmitting the transaction identification,
entered by the customer, to the payment terminal (2), and ~~wherein~~

the payment request module (23) comprises means ~~to transmit for transmitting~~ the
payment request to the mobile device (1) determined through the sender identification.

Claim 8 (currently amended): System according to claim 6, wherein,

~~each of the payment terminals (2) each comprise includes~~ means ~~to increase for~~
increasing the transmitting power of the contactless device interface (21), ~~wherein~~

the payment request module (23) comprises means ~~to transmit for transmitting~~ the
payment request with increased transmitting power to a respective mobile device (1) if the
payment terminal (2) has not received a payment record from the respective mobile device
(1) within a predefined time period from transmission of the payment request without power
increase to the respective mobile device (1).

Claim 9 (currently amended): System according to ~~one of the claims 6 to 8~~ claim 6,
wherein the payment record module (14) comprises means ~~to add for adding~~ to the payment

record data on the type of payment before the transmission of the payment record to a payment terminal (2).

Claim 10 (currently amended): System according to ~~one of the claims 6 to 9~~ claim 6, wherein each of the mobile devices (1) ~~each comprise~~ includes an authentication module (12) to receive at least one biometric feature from a customer and to authenticate the customer on the basis of the received biometric feature.

Claim 11 (new): A method for performing a payment transaction, comprising:
inputting a transaction identification into a mobile device, the transaction identification including a payment terminal identification identifying a payment terminal;
transmitting via contactless communication the transaction identification from the mobile device to the payment terminal;
preparing a payment request in the payment terminal based on the transaction identification;
transmitting via contactless communication the payment request from the payment terminal to the mobile device;
preparing a payment record in the mobile device based on the received payment request; and
transmitting via contactless communication the payment record from the mobile device to the payment terminal.

Claim 12 (new): The method of Claim 11, wherein,
a sender identification is transmitted together with the transaction identification from the mobile device to the payment terminal, the sender identification identifying the mobile device, and
the payment request is transmitted based on the sender identification.

Claim 13 (new): The method of Claim 11, further comprising:

retransmitting the payment request at an increased transmitting power when the payment terminal does not receive a payment record from the mobile device within a predetermined time period.

Claim 14 (new): The method of Claim 11, further comprising:

detecting a biometric feature of a user of the mobile device; and

authorizing use of the mobile device based on the detected biometric feature.

Claim 15 (new): A system for performing a payment transaction, comprising:

a mobile device including,

a first interface,

first means for requesting a transaction identification including a terminal

identification, for receiving the transaction identification, and for transmitting the transaction information and a sender identification via the first interface, and

second means for preparing a payment record based on a received payment request;

and

a terminal including,

a second interface configured to bidirectionally communicate with the first interface

in a contactless manner, and

third means for preparing a payment request based on the transaction information

received from the first interface, and for transmitting the payment request to the first interface via the second interface, wherein,

the terminal identification identifies the terminal, and

the sender information identifies the mobile device.

Claim 16 (new): The system of Claim 15, wherein the terminal includes fourth means for establishing the transaction identification.

Application No. 09/701,288

Reply to Office Action of April 3, 2003

C3 *and*
Claim 17 (new): The system of Claim 15, wherein the mobile device includes means for detecting a biometric feature of a user of the mobile device and for authorizing use of the mobile device based on the detected biometric feature.
